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Brady

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(54) **DEFORMABLE INTRAOCULAR LENSES
AND LENS SYSTEMS**

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See application file for complete search history.

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(57) **ABSTRACT**

An intraocular lens includes a deformable optic, a rigid optic, and a support structure. The deformable optic is disposed about an optical axis and comprises a solid material and a deformable surface. The rigid optic is disposed about the optical axis and comprises a solid material and a rigid surface. The support structure is operably coupled to at least one of the optics for pressing the deformable surface and the rigid surface together in response to or in the absences of an ocular force, whereby at least a portion of the deformable surface changes shape such that the optical power of the at least a portion of the deformable surface and/or the intraocular lens changes by at least 2 Diopter.

20 Claims, 6 Drawing Sheets

